MULTILINGUAL MANUAL

code.ironbaltic.com/u/cGug4Fir

SECONDARY SPRING
STAGE 3 TRAIL

CFMOTO CFORCE 850/1000 GEN.3
Code 80.9550

Version 11042025



Distributer **IronBaltic, Estonia**

Producer **Vauhti Varikko, Finland**

Keep this manual for future reference!

If you need any spare parts, please send this packaging data to your local dealer or to Iron Baltic sales@ironbaltic.com

SPECIFICATION

Pos.	Description	Code	Amount
1	Trail secondary clutch spring (WHITE-YELLOW)	80.9502	1
2	Bolt M8x60 DIN933	OT.02.02.250	1
3	Sticker (VauhtiVarikko)	PM.13.05.024	1
4	Sticker (IronBaltic)	PM.13.05.007	1



INSTRUCTIONS

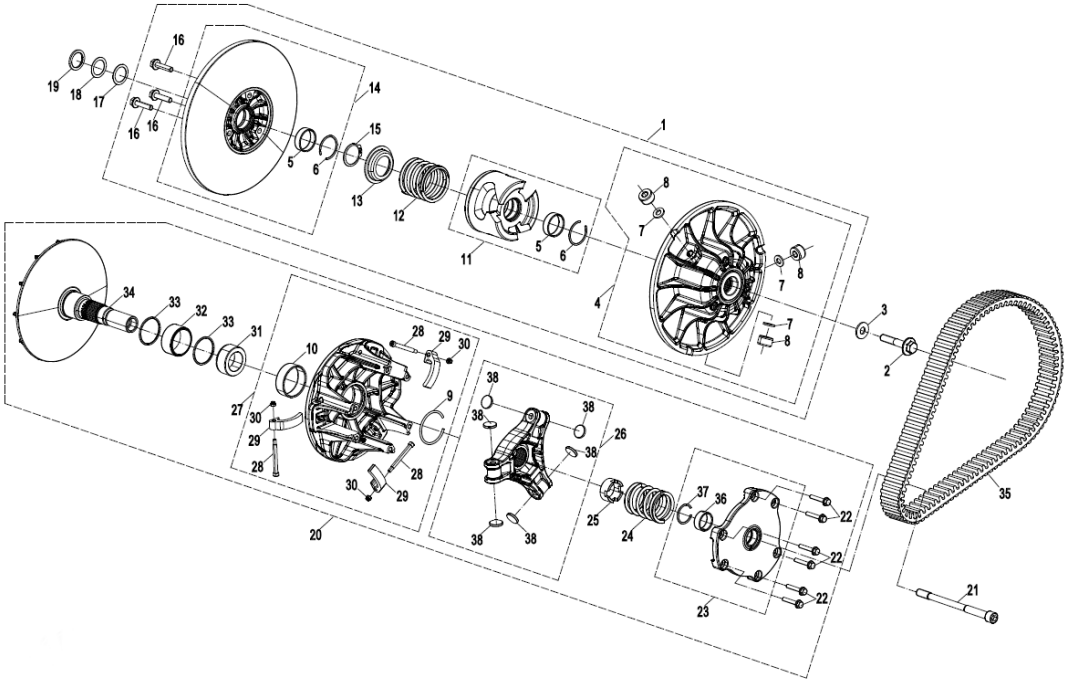
Thank You that you have chosen our clutch kit. Our clutch kit helps to transfer the engine power better to the wheels so you can use the engine potential more effectively and vehicle is smoother to use. We have gone through long testing period – including real life driving tests as well as the dynamometer tests - before we have chosen this specific setup combination.

Clutch upgrade kits are fully tested and accepted by most CFMOTO distributors. Correctly installed upgrade kit will not cause any damages to your vehicle. The manufacturer of the clutch kit is not responsible for any damage or failure of your vehicle or in case the warranty of your machine will be voided. To ensure correct installation and to avoid possible inconveniences we recommend ordering the installation from an authorized CFMOTO dealer.

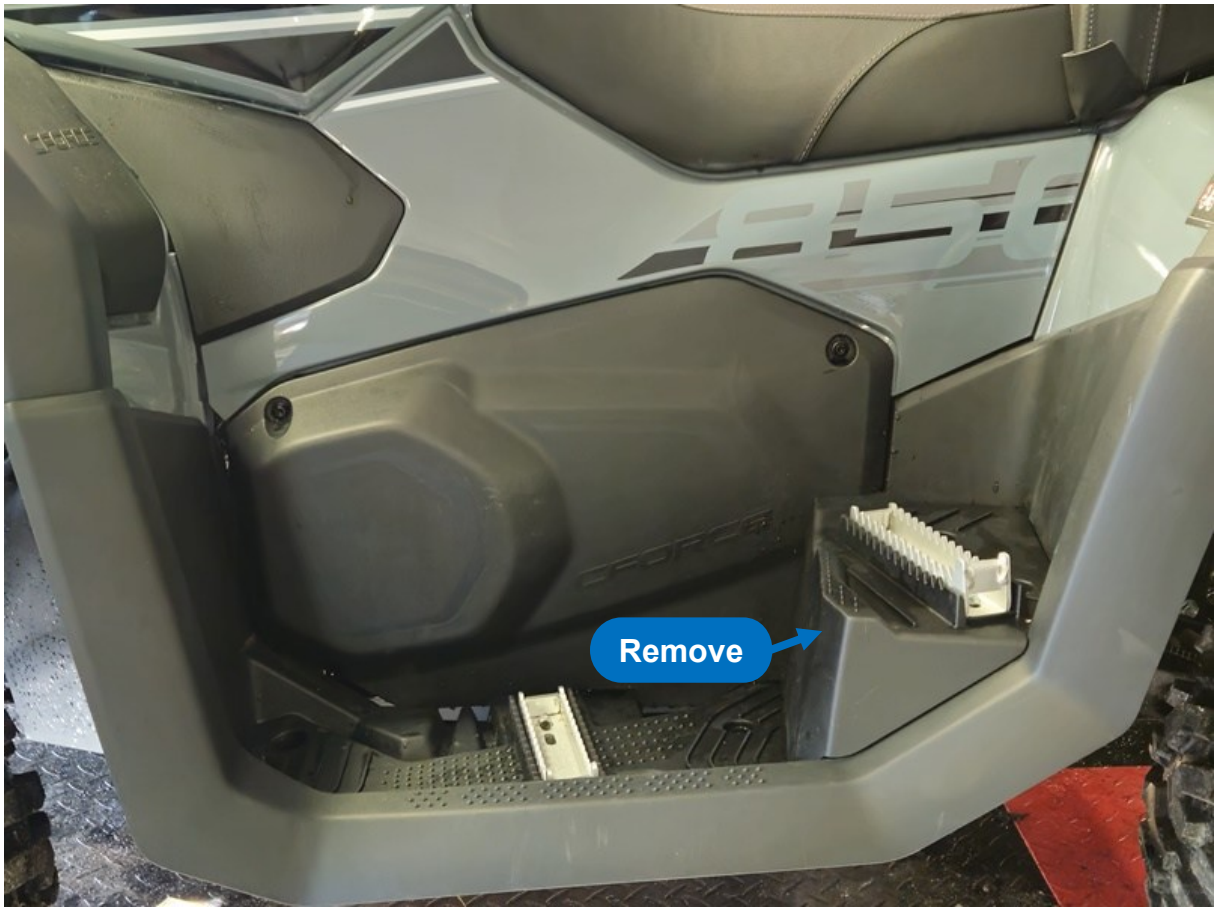
CFMOTO Gen.3 OmniDrive Stage 3 TRAIL and MUD Clutch KIT both use same multiangle helix.
By changing TRAIL spring or MUD spring, based on your use/tire size, you can adjust the KIT to your use.
NB! Does not work together with original CFMOTO helix!

We recommend using official dealership installation services; they have the correct tools and knowledge for such installation.

1 – Secondary clutch
2 –Secondary bolt
4 – Sliding flange
11 – Helix
12 – Secondary clutch spring
20 – Primary clutch
21 – Clutch bolt
24 – Clutch spring
29 – Weight arm



1. Remove left side passenger footrest



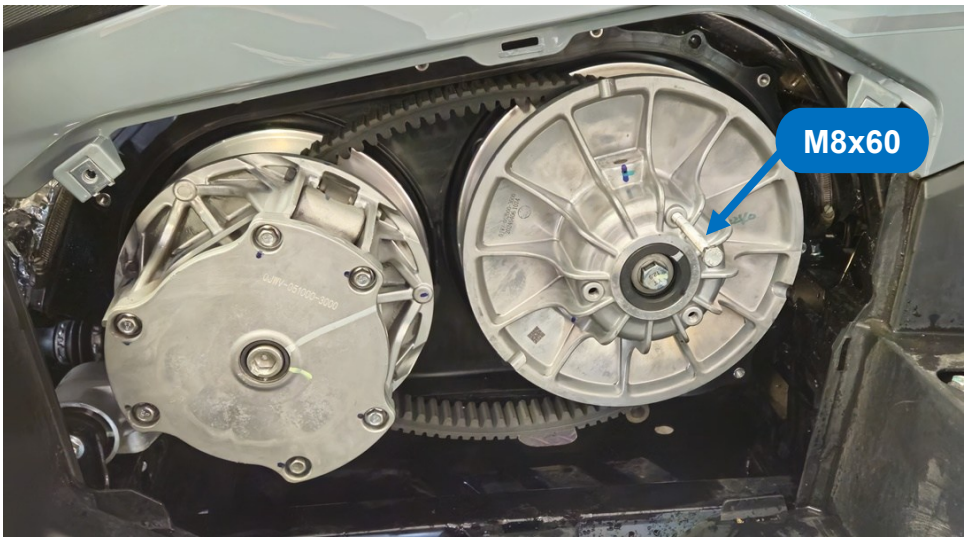
2. Remove plastic cover



3. Open CVT cover. Remember the order of the bolts because some bolts are longer!

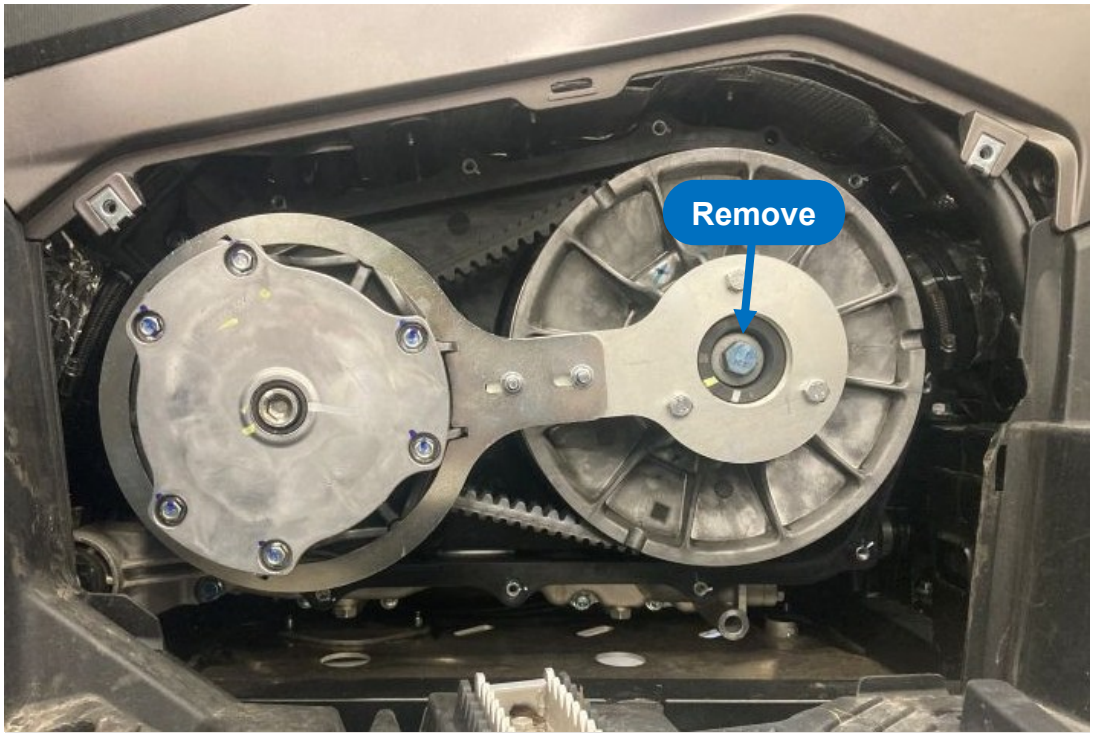


4. Use supplied M8x60 bolt to loosen the belt. Remove the belt and M8x60 bolt afterwards.
   NB! Notice the direction the belt is on, so you can reinstall it in the same direction afterwards!



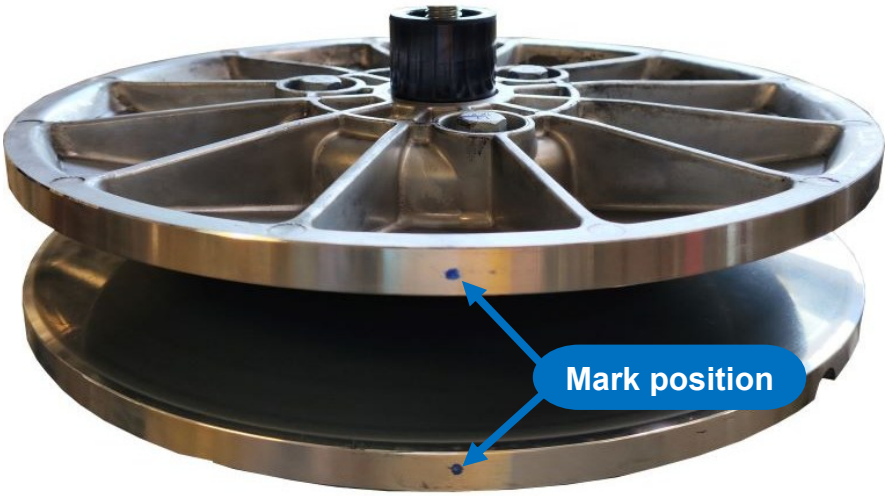


5. Remove the clutch bolt. Use 18mm socket. You can use clutch holding tool 80.10600 to hold the clutch inplace.
   Remove the clutch from the shaft.
   NB! There might be distance washer behind the secondary clutch, make sure not to lose it!





6. Mark the position of clutch sheaves! Remove 3 bolts holding the clutch sheave and separate two halves.





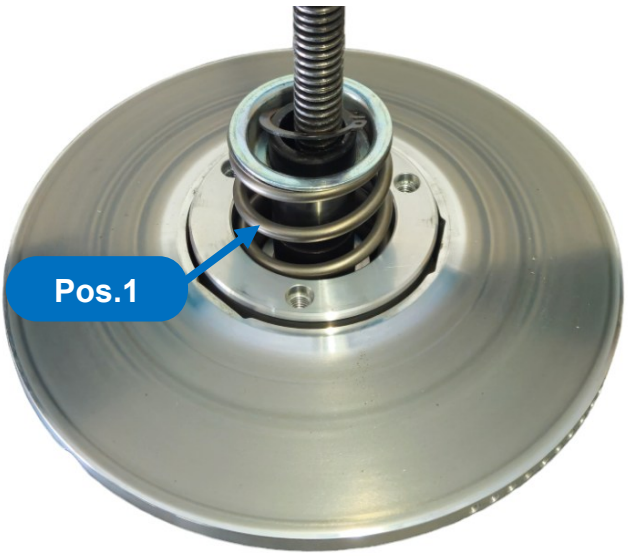
7. Compress* the spring and remove the circlip. Slowly remove the tension from the spring and remove the support washer, spring and helix.
   **A special tool (clutch spring compression tool: 80.400) is required.*





8. Install helix and new spring. Place the support washer and circlip on top of the new spring.

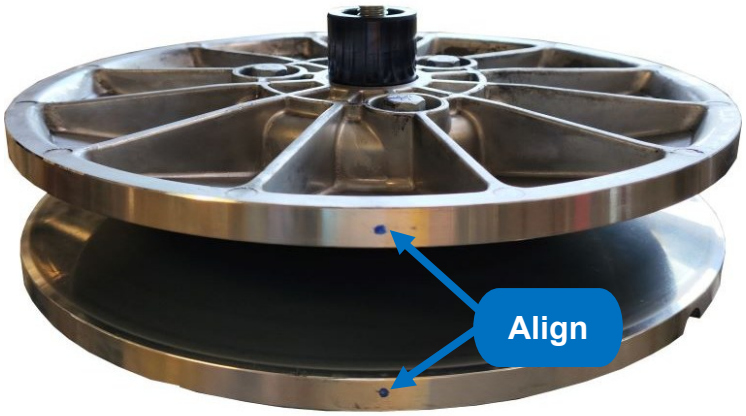


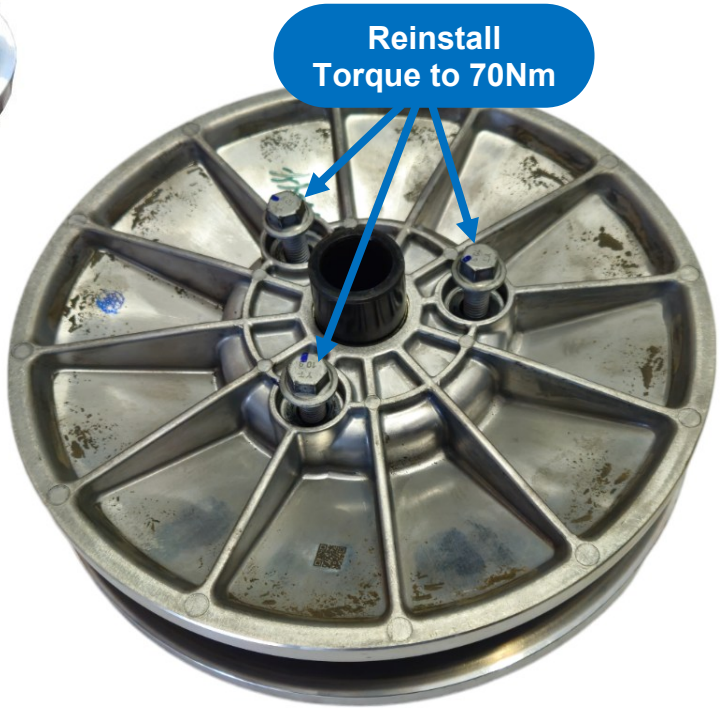


9. Compress the spring with compression tool (80.400) and reinstall the circlip. Slowly remove the tension from the spring.

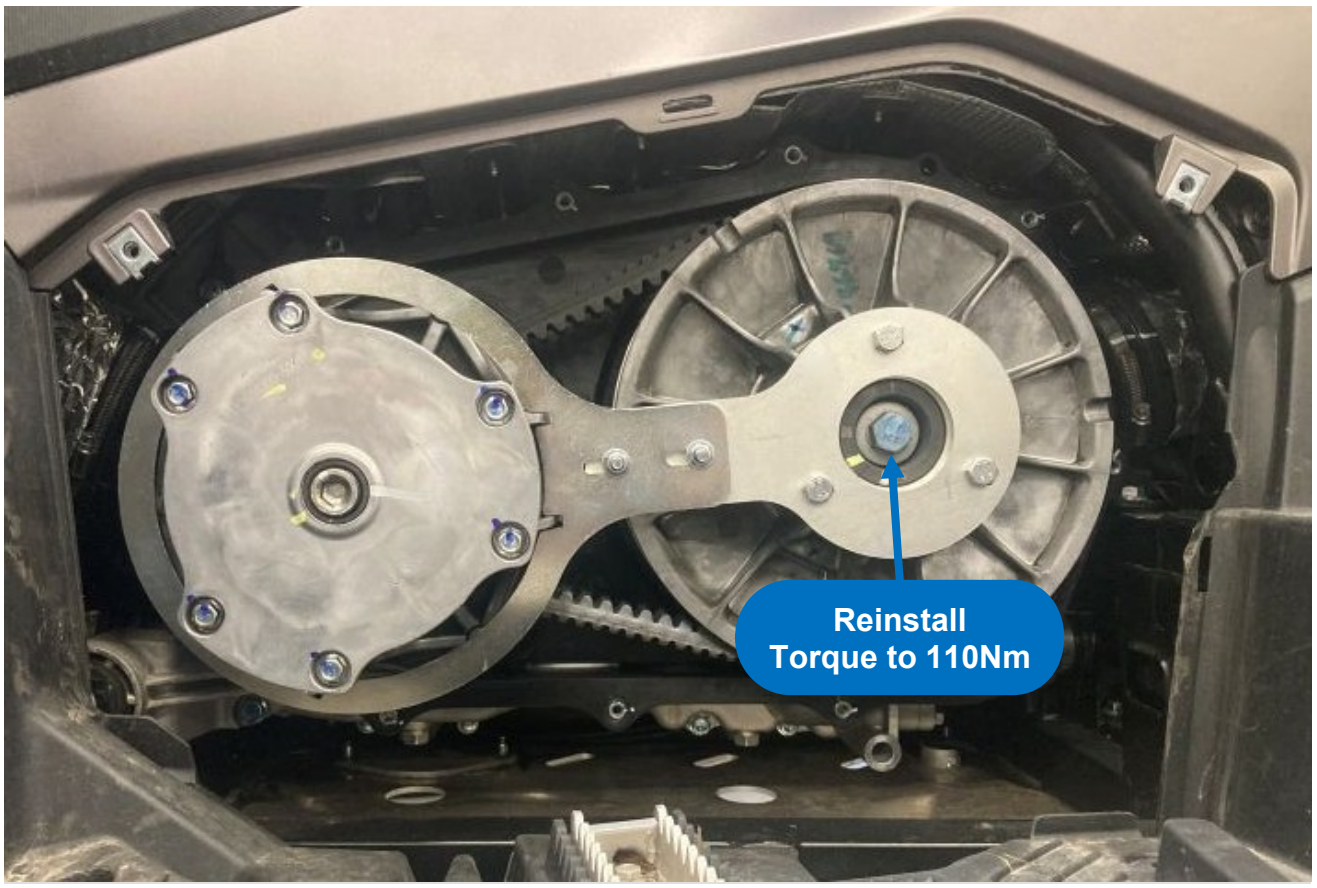


10. Connect two halves of secondary clutch. Make sure that two marks align or are close to each other! Torque the bolts to 70Nm!





11. Reinstall the secondary clutch to ATV. Torque the bolt to 110Nm!
    You can use clutch holding tool 80.10600 to hold the clutch inplace.



12. Screw in the M8x60 bolt to secondary clutch and reinstall the belt.
    NB! Notice the direction of the belt when reinstalling!

13. Reinstall the CVT cover.

14. Reinstall the plastic cover.

15. Reinstall the passenger footrest.

You are ready to test drive!

IRON BALTIC OÜ
Joa tee 17
Vääna 76903
Estonia / Europe

+372 6 533 711
sales@ironbaltic.com

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